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Subject: RE: viscosity sensors temperature controller actuator temperature pressure "measured variables" - Google Scholar

From: Tom Stevens [mailto:mvp1984@comcast.net]

Sent: Wednesday, August 27, 2008 3:38 PM

To: Stevens, Thomas H.

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Control of diesel engines

L Guzzella, A Amstutz - Control Systems Magazine, IEEE, 1998 - [ieeexplore.ieee.org](#)

... closed loop injection **pressure control** open loop or closed loop EGR rate **control**

closed loop charge air **temperature** ... IEEE **Control Systems** 58 ... Angle **Sensor** I I ...

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FAST AND SLOW GENERATION OF A MULTILEVEL CONTROL FOR THE WOOD DRYING PROCESS

S Tarasiewicz, F Ding, T Kudra, Z Mrozek - Drying Technology, 2000 - [informaworld.com](#)

... it is possible to qualify the **actuator** network as ... FAST AND SLOW GENERATION OF MULTILEVEL

CONTROL ... mass displacement (rmls), P is the **temperature**-dependent total ...

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[BOOK] Practical Process Control for Engineers and Technicians

W Altmann - 2005 - [books.google.com](#)

... 2.5 **Sensor** dynamics 21 2.6 Selection of sensing devices 21 2.7 **Temperature sensors**

22 2.8 ... 50 3 Basic principles of **control** valves and **actuators** 52 3.1 ...

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Sensor technologies and microsensor issues for mechatronics systems

RC Luo - Mechatronics, IEEE/ASME Transactions on, 1996 - [ieeexplore.ieee.org](#)

... Acoustic Density Flow (LiquiUGas) **Viscosity** Thickness Mass ... can be measured with

solid-state **sensors** by far ... has been in detection of **pressure** and **temperature**. ...

[Cited by 17](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

Challenges and opportunities in automotive transmission control - [PDF] •ntnu.no

Z Sun, K Hebbale - American Control Conference, 2005. Proceedings of the 2005, 2005 - [ieeexplore.ieee.org](#)

... regardless of the engine load, ATF **viscosity**, etc. ... A clutch disk integrated torque

sensor was also ... suffer from hysteresis and variations due to **temperature**. ...

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Pressure drop measurements in a microchannel

D Pfund, D Rector, A Shekarraz, A Popescu, J Welty - AIChE Journal, 2000 - [doi.wiley.com](#)

... to maintain the **pressure** at the downstream **sensor** at the ... is the uncertainty in the mean **viscosity**, which in ... from the 0.5 C un- certainty in the **temperature**. ...

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[**BOOK**] [Process Control: Modeling, Design, and Simulation](#) - [**PDF**] [rpi.edu](#)

BW Bequette - 2003 - [books.google.com](#)

... 162 Measurement (**Sensor**) Transfer Function 162 ... 315 Reactor **Temperature Cascade Control** 318 ... 359 11.5 **Controller** Parameter (Gain) Scheduling 361 ...

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[Method and apparatus for controlling an internal combustion engine](#)

T Pfeufer, K Eppinger, C Bruedigam - US Patent 5,992,382, 1999 - [freepatentsonline.com](#)

... one or more actuation signals which **control an actuator** ... as an alternative to the second **temperature sensor** 27. A **viscosity sensor** is to be considered in this ...

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[Method of estimating engine lubricant condition](#)

KR Carlstrom, GL Larson, F Bondarowicz - US Patent App. 10/295,360, 2002 - [Google Patents](#)

... EMPerATURE ^ TM Q Jo 5 t **SENSOR** 1 CYLINDER ... of the oil to excessively high **temperature**, engine operating ... subject to change are oil **viscosity**, the accumulation ...

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[Apparatus for controlling **temperature** of an inline measuring device](#)

T Moser, R Unterseh, M Fuchs, P Oudoire - US Patent App. 11/543,920, 2006 - [Google Patents](#)

... on monitors and/or transformed into **control** signals for ... a **viscosity** and/or a **viscosity**-density product ... for example by means of **temperature sensors** arranged on ...

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